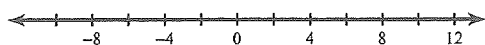


## Compound Inequalities

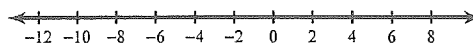
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each compound inequality and graph its solution.

1)  $m - 2 < -8$  or  $\frac{m}{8} > 1$



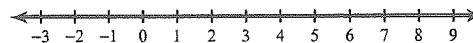
2)  $-1 < 9 + n < 17$



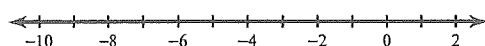
3)  $2x < 10$  or  $\frac{x}{2} \geq 3$



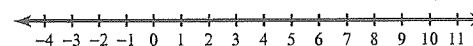
4)  $x + 8 \geq 9$  and  $\frac{x}{7} \leq 1$



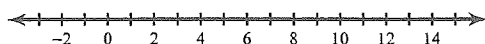
5)  $-3 \leq \frac{p}{2} < 0$



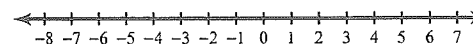
6)  $r + 5 \geq 12$  or  $\frac{r}{9} < 0$



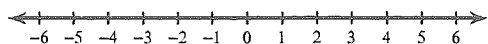
7)  $7v - 5 \geq 65$  or  $-3v - 2 \geq -2$



8)  $-10b + 3 \leq -37$  or  $3b - 10 \leq -25$



9)  $-1 + 5n > -26$  and  $7n - 2 \leq 12$



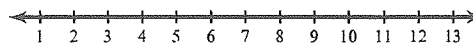
10)  $-50 < 7k + 6 < -8$



11)  $8x + 8 \geq -64$  and  $-7 - 8x \geq -79$



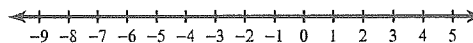
12)  $2n + 7 \geq 27$  or  $3 + 3n \leq 30$



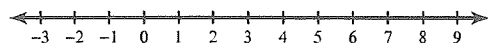
13)  $-36 < 3p - 6 < -15$



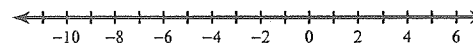
14)  $-1 - 10a < -1$  or  $10 + 3a \leq -5$



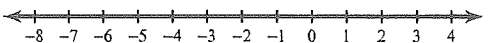
15)  $3n + 2 < -2 + 7n$  or  $8n - 4 \leq 3n - 4$



16)  $8r - 5 \geq 6r - 1$  or  $4 + 4r \leq 3r - 3$



17)  $5x - 5 > -7x - 5$  or  $3x + 5 \leq x - 1$



18)  $6 + 7m < 6m - 5$  or  $3m - 7 < 5 + 6m$

